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PTO/SB/01 (10_00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**☐Declaration
Submitted
with Initial
Filing

OR

☒Declaration
Submitted after initial
Filing (surcharge
(37 CFR 1.16(e))
required)**Attorney Docket Number**

BP2610

First Named Inventor

Stephen Palm

COMPLETE IF KNOWN**Application Number**

10/664,824

Filing Date

9/17/2003

Group Art Unit**Examiner Name****As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LONG RANGE HANDSHAKING COMMUNICATION SYSTEM FOR MULTIPLE XDSL

the specification of which

(Title of the Invention)

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

9/17/03

as United States Application Number or PCT International

Application Number

10/664,824

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checkign the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Applications Numbers(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119 (e), 120, or 365 (c) of any U.S. or PCT application(s) listed below.

| Application Numbers(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|------------------------|--------------------------|--|
| 60/411,335 | 9/17/2002 | |
| | | |
| | | |
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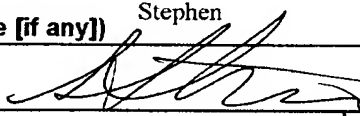
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DECLARATION - Utility or Design Patent Application

| | | | | | |
|---|--|--|---|--------------------|---|
| Direct all correspondence to: | | <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 34,399 | OR | <input type="checkbox"/> Correspondence address below |
| Name Timothy W. Markison | | | | | |
| Address P.O. Box 160727 | | | | | |
| Address | | | | | |
| City Austin | | | State TX | ZIP 78716-0727 | |
| Country USA | | Telephone (512) 342-0612 | | FAX (512) 342-1674 | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.c. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | | | |
| NAME OF SOLE OR FIRST INVENTOR: | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | |
| Given Name (first and middle [if any]) Stephen | | | Family Name or Surname Palm | | |
| Inventor's Signature  | | | Date 5 JUN 2004 | | |
| Residence: City Irvine | | State CA | Country USA | Citizenship USA | |
| Mailing Address 6 Santa Luzia Aisle | | | | | |
| Mailing Address | | | | | |
| City Irvine | | State CA | ZIP 92606 | Country USA | |
| NAME OF SECOND INVENTOR: | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | |
| Given Name (first and middle [if any]) | | | Family Name or Surname | | |
| Inventor's Signature | | | Date | | |
| Residence: City | | State | Country | Citizenship | |
| Mailing Address | | | | | |
| Mailing Address | | | | | |
| City | | State | ZIP | Country | |
| <input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheets(s) PTO/SB/02A attached hereto. | | | | | |



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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| | |
|------------------------|--------------|
| Application Number | 10/664,824 |
| Filing Date | 9/17/2003 |
| First Named Inventor | Stephen Palm |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | BP2610 |

I hereby appoint:

☒ Practitioners at Customer Number

34,399

Place Customer
Number Bar Code
Label Here

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------------------------|---------------------|
| Timothy W. Markison | 33,534 |
| Bruce E. Garlick | 36,520 |
| James A. Harrison | 40,401 |
| Shayne X. Short, Ph.D. | 45,105 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Firm or
Individual Name

Timothy W. Markison

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71
Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

title:

Signature

Date

NOTE:

Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*.

☒

*Total of 1 forms are submitted.

SEND TO: Assistant Commissioner for Patents,
Washington, DC 20231



BP2610

Certificate Under 37 CFR 3.73(b)

Applicants:

Stephen Palm

Entitled: LONG RANGE HANDSHAKING COMMUNICATION SYSTEM FOR MULTIPLE XDSL

Application No. 10/664,824

Filing Date: 9/17/2003

Broadcom Corporation

(Name of Assignee)

a, California Corporation

(Type of Assignee)

states that it is :

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either :

- A. ☒ An Assignment for the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title for the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

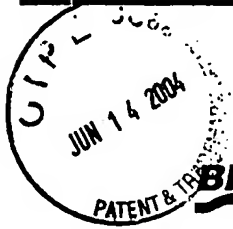
Date: _____

Name: **Dee Henderson**

Manager, Intellectual Property Portfolio

Title: _____

Signature: 



BP2610

BROADCOM CORPORATION
16215 Alton Parkway
Irvine, California 92618

Phone: 949-450-8700
Fax: 949-450-8710

May 20, 2003

To whom it may concern:

I, Henry Samueli, hereby authorize Dee Henderson, Intellectual Property Portfolio Manager, to execute documents relating to US and foreign patent and trademark matters on behalf of Broadcom Corporation and/or its subsidiaries.

Henry Samueli, Ph.D.
Chief Technical Officer and Co-Chairman